	Application No.	Applicant(s)
Notice of Allowability	09/518,359	BELKNAP ET AL.
	Examiner	Art Unit	
	Jungwon Chang	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendment filed on 6/30/2004 and interview on 8/26/2004.*

2. ☒ The allowed claim(s) is/are *1-3,5-24,26-37 and 39-53, now renumbered as 1-50.*

3. ☒ The drawings filed on *03 March 2000* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**
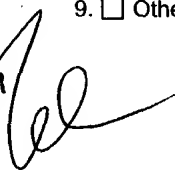
5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *20040630* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the

changes and/or additions be unacceptable to applicant, an amendment may be

filed as provided by 37 CFR 1.312. To ensure consideration of such an

amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone

interview with Michael E. Hudzinski, Reg. No., 34,185 on 8/26/2004.

2.   The application has been amended as follows:

<u>In specification</u>

Page 2, line 3, insert before "and" --- now Patent No. 5,996,025 ---;

Page 2, line 4, insert before "each" --- now Patent No. 5,996,015 ---;

<u>In claims</u>

Claim 1

1. (Currently Amended)   A method for providing a centralized user

interface at an administrator terminal in a network for managing operations including

encoding operations performed on media data by selected ones of a plurality of

media servers, the process comprising the steps of:

    displaying a graphical user interface at the administrator terminal, said interface

including a plurality of interface components enabling a user to select between a

manual encoding mode for manually starting and stopping manual encoding processes

to be performed by selected ones of the <u>media</u> servers, and a scheduled encoding

mode for defining schedules for scheduled encoding processes to be performed by

selected ones of the <u>media</u> servers;

receiving information input by the user indicating a selection of one of the media

servers, a selected mode of operation, ~~and~~ an encoding operation, <u>and a notification</u>

<u>circumstance</u>;

generating commands and associated parameters based on the input

information for instructing the selected <u>media</u> server to execute the specified

encoding operation in accordance with the selected mode of operation; ~~and~~

transmitting said commands and said associated parameters to said

selected <u>media</u> server<u>; and</u>

<u>selectively generating a notification of said specified encoding operation</u>

<u>based on said notification circumstance</u>.

Claim 19

19. (Currently Amended) A method for providing a centralized user

interface at an administrator terminal in a network for remotely controlling encoding

operations performed on media data by selected ones of a plurality of media servers,

the process comprising the steps of:

generating initiation commands and associated initiation parameters for

instructing a selected <u>media</u> server to initiate a manual encoding operation;

transmitting said initiation commands and said associated initiation

parameters to said selected <u>media</u> server via the network;

receiving encoded media data from said selected <u>media</u> server via the

network;

displaying said encoded media data at the administrator terminal, and also

displaying interface components enabling the user to select from manual control

options including a start option for starting and resuming the manual encoding

process, and a stop option for stopping the manual encoding process;

receiving information input by the user indicating a selection of one of the

manual control options;

if said start option is selected, generating a start command for instructing

said selected media server to start the manual encoding process, and

transmitting said start command to said selected <u>media</u> server; and

if said stop option is selected, generating a stop command for instructing

said selected media server to stop the manual encoding process, and

transmitting said stop command to said selected <u>media</u> server; and

<u>selectively generating a notification of an operation of said manual</u>

<u>encoding process</u>.

Claim 22

22. (Currently Amended)   A machine readable storage device having

stored therein encoding instructions for executing a process of providing a centralized

user interface at an administrator terminal in a network for managing operations

including encoding operations performed on media data by selected ones of a plurality

of media servers, the process comprising the steps of:

displaying a graphical user interface at the administrator terminal, said interface

including a plurality of interface components enabling a user to select between a

manual encoding mode for manually starting and stopping manual encoding processes

to be performed by selected ones of the <u>media</u> servers, and a scheduled encoding mode for

defining schedules for scheduled encoding processes to be performed by selected ones

of the <u>media</u> servers;

receiving information input by the user indicating a selection of one of the media servers,

a selected mode of operation, ~~and~~ an encoding operation, <u>and a notification</u>

<u>circumstance</u>;

generating commands and associated parameters based on the input

information for instructing the selected <u>media</u> server to execute the specified

encoding operation in accordance with the selected mode of operation; ~~and~~

transmitting said commands and said associated parameters to said

selected <u>media</u> server<u>; and</u>

<u>selectively generating a notification of said specified encoding operation based</u>

<u>on said notification circumstance</u>.

Claim 35

35. (Currently Amended)   A server operative to provide an applet to a

client via a network, the applet including encoding instructions for executing a process

of providing a centralized user interface at the client in a network for managing

operations including encoding operations performed on media data by selected

ones of a plurality of media servers, the process comprising the steps of:

displaying a graphical user interface at the client, said interface including a

plurality of interface components enabling a user to select between a manual encoding

mode for manually starting and stopping manual encoding processes to be performed

by selected ones of the media servers, and a scheduled encoding mode for defining

schedules for scheduled encoding processes to be performed by selected ones of the

media servers;

receiving information input by the user indicating a selection of one of the media

servers, a selected mode of operation, ~~and~~ an encoding operation, and a notification

circumstance;

generating commands and associated parameters based on the input

information for instructing the selected media server to execute the specified

encoding operation in accordance with the selected mode of operation; ~~and~~

transmitting said commands and said associated parameters to said

selected media server; and

selectively generating a notification of said specified encoding operation

based on said notification circumstance.

REASONS FOR ALLOWANCE

3.   The following is an examiner's statement of reasons for allowance:

The claimed invention provides the novel use of centralized graphical user

interface at an administrator terminal for managing media assets in a network by

specifying and scheduling operations to be performed by a plurality of media

servers in a computer network, and selectively generating a notification to notify

the administrator terminal in the event of success or failure of the operations. The

centralized graphical user interface at the administrator terminal and the

notification process as described above, results in minimizing the system

slowdown, improving bandwidth, and performing efficient functions which was not

taught or suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no

later than the payment of the issue fee and, to avoid processing delays, should

preferably accompany the issue fee. Such submissions should be clearly labeled

"Comments on Statement of Reasons for Allowance."

4.   Any inquiry concerning this communication or earlier communications from

the examiner should be directed to Jungwon Chang whose telephone number is

(703)305-9669. The examiner can normally be reached on 9:30-6:00 (Monday-

Friday).

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, John A Follansbee can be reached on (703)305-8498.

The fax phone number for the organization where this application or proceeding

is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JWC
August 26, 2004

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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August 26, 2004

JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100